

Investigation of the Sn^{2+} -HCl-H₂O system by Mössbauer spectroscopy

Zapol'nyi A., Khramov A., Glebov A., Delo M.

Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

The parameters of Mössbauer spectra are considered for the aqueous solutions of tin(II) hydroxo complexes of variable composition. The dependence of the quadrupole splitting on the isomer shift is observed, which was earlier established for the crystalline compounds. It is demonstrated that the Mössbauer spectroscopy is noninformative as applied to the investigation of heteronuclear complexation in the Sn^{2+} - Cu^{2+} -(Pb^{2+})- $\text{Na}_2\text{H}_2\text{Edta}$ systems. © 1996 MAEe
cyrillic signK Hayka/Interperiodica Publishing.
